

Title (en)

CUTTING ELEMENTS, RELATED METHODS OF FORMING A CUTTING ELEMENT, AND RELATED EARTH-BORING TOOLS

Title (de)

SCHNEIDELEMENTE, ZUGEHÖRIGE VERFAHREN ZUR FORMUNG EINES SCHNEIDELEMENTS UND ERDBOHRWERKZEUGE DAMIT

Title (fr)

ÉLÉMENTS DE COUPE, PROCÉDÉS APPARENTÉS DE FORMATION D'UN ÉLÉMENT DE COUPE ET OUTILS DE FORAGE APPARENTÉS

Publication

EP 3027836 A4 20170308 (EN)

Application

EP 14832395 A 20140729

Priority

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Abstract (en)

[origin: US2015027787A1] A cutting element comprises a supporting substrate, and a polycrystalline compact attached to an end of the supporting substrate. The polycrystalline compact comprises a region adjacent the end of the supporting substrate, and another region at least substantially laterally circumscribing the region and having lesser permeability than the region. A method of forming a cutting element, and an earth-boring tool are also described.

IPC 8 full level

E21B 10/42 (2006.01); **B24D 18/00** (2006.01); **E21B 10/46** (2006.01)

CPC (source: EP RU US)

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Citation (search report)

[XI] US 2012225277 A1 20120906 - SCOTT DANNY E [US]

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DOCDB simple family (publication)

US 10047567 B2 20180814; **US 2015027787 A1 20150129**; CN 105556050 A 20160504; CN 105556050 B 20190129; EP 3027836 A1 20160608; EP 3027836 A4 20170308; EP 3027836 B1 20190424; KR 20160040241 A 20160412; RU 2016106951 A 20170831; RU 2680275 C2 20190219; SA 516370508 B1 20201214; SG 11201600727S A 20160330; WO 2015017359 A1 20150205; ZA 201600956 B 20181128

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